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**From:** Brasaemle, Karla [Karla.Brasaemle@TechLawInc.com]  
**Sent:** 10/21/2019 8:34:02 PM  
**To:** Praskins, Wayne [Praskins.Wayne@epa.gov]  
**Subject:** FW: RESRAD Build model information request

Hi Wayne,

Jana requested three things from the Navy. The Navy has not provided these as far as I know.

Karla Brasaemle, P.G.,  
TechLaw, Inc.  
415-762-0566

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**From:** Dawson, Jana <Jana.Dawson@TechLawInc.com>  
**Sent:** Monday, October 21, 2019 11:24 AM  
**To:** Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>  
**Subject:** RESRAD Build model information request

Karla,

I have reviewed the RESRAD Build files from the Navy, and have read through the information Lindsey sent me Friday. The information I would like to request from the Navy is as follows:

- 1.) RESRAD Build files (input files) corresponding to all output files.
- 2.) Rationale for how number of sources were identified and why only sources #8 and #10 (for child resident) were selected for modeling radon emanation. Similarly, justification for selecting sources and radon paths for adult resident and for worker in RESRAD Build model is requested.
- 3.) A copy of the two custom dose conversion factor/slope factor libraries created using the RESRAD Dose Conversion Factor (DCF) Editor, labeled 'HPNS Adult' and 'HPNS Child'.  
[It was noted that the DCFs for external exposures for adults were obtained from Federal Guidance Report (FGR) No. 12 (USEPA 1993), DCFs for inhalation and ingestion exposures from International Commission on Radiological Protection Publication 72 (ICRP 1995); and risk coefficients for total cancer morbidity were obtained from the Health Effects Assessment Summary Tables (HEAST) (USEPA 2001).]